



# REMR MATERIAL DATA SHEET CM-SE-1.49

## CONCRETE SEALER: TRANSPO T41S

(Supersedes previously issued CM-SE-1.49)

### 1. NAME

TRANSPO T41S

### 2. MANUFACTURER

Transpo Industries, Inc.  
20 Jones Street  
New Rochelle, NY 10801  
Telephone: (914) 636-1000

### 3. DESCRIPTION

TRANSPO T41S is a polymer/monomer blend of acrylic and methacrylic esters. It is a colorless, slightly hazy, moderately mobile liquid with an acid, fruity odor.

### 4. USES & LIMITATIONS

Uses: T41S is a primer for polymer concrete systems. It has a very low viscosity for sealing and filling fine cracks and for injection into voids in concrete.

Limitations: TRANSPO T41S is a flammable liquid.

### 5. MANUFACTURER'S TECHNICAL DATA

Melting or freezing point	-50 °F
Boiling point	214 °F
Viscosity	20 sec
No. 4 Foil Cap	
Vapor density (Air-1)	3.5
Specific gravity	0.98
Flash point	49 °F

### 6. CORPS OF ENGINEERS' EVALUATION (tested as concrete sealers only)

#### Physical and mechanical properties:

Percent solid  
(ASTM D 1644, Method A): 18.9%

Percent moisture absorption  
(ambient temp) (ASTM C 642-82):

1 day	0.18%
2 days	0.32%
4 days	0.47%
7 days	0.61%

Ratio of percent moisture absorption  
for treated to nontreated specimen  
(2-day submersion): 6.81%

Percent vapor transmittance (see REMR  
Technical Note CS-ES-1.8):

2 days	0.48%
4 days	0.84%
7 days	1.36%

Ratio of percent vapor transmittance  
for treated to nontreated specimen  
(2-day diffusion): 26.2%

### 7. ENVIRONMENTAL CONSIDERATIONS

Reasonable caution should guide the preparation, repair, and cleanup phases of activities involving potentially hazardous and toxic chemical substances. Manufacturer's recommendations to protect occupational health and environmental quality should be carefully followed. Material safety data sheets must be obtained from the

manufacturers of such materials. In cases where the effects of a chemical substance on occupational health or environmental quality are unknown, chemical substances should be treated as potentially hazardous toxic materials.